

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(181/229-231181/243).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 13:21
S1	5314	muffler and (pin bolt nut flange)	US-PGPUB; USPAT	OR	OFF	2006/04/13 15:59
S2	5952	muffler and (pin bolt nut flange collar threaded)	US-PGPUB; USPAT	OR	OFF	2006/04/13 16:00
S3	77299	S2 and "411"/\$.ccls. "403"/\$.ccls. "181"/\$.ccls. 180/296,309,89.2.ccls.	US-PGPUB; USPAT	OR	OFF	2006/04/13 16:01
S4	892	S2 and ("411"/\$.ccls. "403"/\$.ccls. "181"/\$.ccls. 180/296,309,89.2.ccls. )	US-PGPUB; USPAT	OR	OFF	2006/04/13 18:03
S5	306	(411/389).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/13 18:09
S6	0	S5 and muffler	US-PGPUB; USPAT	OR	OFF	2006/04/13 18:09
S7	5	("3245142").PN. OR ("4510898"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 18:59
S8	7	("3622194"   "4295691"   "4445594"   "4921371"   "5069586").PN. OR ("6328513"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:47
S9	7	("3622194"   "4295691"   "4445594"   "4921371"   "5069586").PN. OR ("6328513"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:52
S10	7	("3482649"   "5177962"   "5712455"   "5866859"   "5883342"   "6076732").PN. OR ("6164410"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 12:13
S11	9	("1280386"   "1342464"   "3650354"   "4142607"   "4231221"   "5315075").PN. OR ("6041890"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 12:32
S12	4	("4450933"   "4693339").PN. OR ("5996731").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 12:36
S13	11	("4415060"   "4449610"   "4784581"   "5201640"   "5207564"   "5304044"   "5496156"   "5577898"   "5613842"   "5641949").PN. OR ("5906477"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 13:21
S14	875	(181/229-231,243).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 13:22

## EAST Search History

S15	17	("2222703"   "2419664"   "3208551"   "3339668"   "3561561"   "3680659"   "3718208").PN. OR ("4749058").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 13:49
S16	12	("2419664").URPN.	USPAT	OR	OFF	2006/04/14 13:51
S17	36	("1097474"   "1110959"   "1498788"   "2194163"   "2320050"   "2401665"   "2634842"   "2762397"   "2988288"   "3630455"   "3697002"   "4200119"   "4294289"   "4364523").PN. OR ("4624415").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 13:57
S18	6	("3237716"   "4073361"   "4265332"   "4324831").PN. OR ("4422523").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 13:59
S19	25	("1857845"   "2815088"   "3380553"   "3563338"   "3811251").PN. OR ("4134472").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 14:10
S20	5	("3547223").URPN.	USPAT	OR	OFF	2006/04/14 20:35
S21	7	("3208551").URPN.	USPAT	OR	OFF	2006/04/14 20:41
S22	3	("3137365").URPN.	USPAT	OR	OFF	2006/04/14 20:44
S23	175	(411/546).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 21:25
S24	0	S23 and muffler	US-PGPUB; USPAT	OR	OFF	2006/04/14 21:25
S25	17	("2859047"   "3083796"   "4066278"   "4113278"   "4552379"   "4621831"   "4944523"   "5449193"   "5551722"   "5704631"   "5807010"   "6007079"   "6225566").PN. OR ("6402171").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 21:28
S26	7	("4453346"   "4529244"   "5340258"   "5492388").PN. OR ("6062791").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 21:33
S27	5	("2934684").URPN.	USPAT	OR	OFF	2006/04/14 21:49
S28	370	engine and muffler and tool	USPAT	OR	OFF	2006/04/14 21:57
S29	0	sthil	USPAT	OR	OFF	2006/04/14 21:57
S30	613	stihl	USPAT	OR	OFF	2006/04/14 21:57
S31	498	stihl.as.	USPAT	OR	OFF	2006/04/14 21:58
S32	58	S31 and muffler	USPAT	OR	OFF	2006/04/14 21:58
S33	27	("0389028"   "0838448"   "1018490"   "1335613"   "3943818"   "4457117").PN. OR ("4729707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 22:40

## EAST Search History

S34	2	heat with standoff and "411"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 22:41
S35	16	muffler and "411"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 22:42
S36	5	("2934684").URPN.	USPAT	OR	OFF	2006/04/14 22:45